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PTO/SB/05 (11-00)

Not for use through 10/31/2002. OMB 0651-0032

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Attorney Docket No.

032077.0002.UTL

First Inventor

Daniel P. Gold, et al.

Title

Method and Composition for Altering a T Cell
Mediated Pathology

Only for new nonprovisional applications under 37 CFR 1.53(b)

Express Mail Label No.

EL675946010US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification
(preferred arrangement set forth below) [Total Pages **79**]
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **37**]
5. Oath or Declaration [Total Pages
a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in
the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign
priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____/_____

Prior application information:

Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box
5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The
incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label **23865** or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Jeffrey W. Guise				
Address	Brobeck, Phleger & Harrison LLP				
	12390 El Camino Real				
City	San Diego	State	CA	Zip Code	92130-2081
Country	USA	Telephone	858/720-2500	Fax	858/720-2555

Name (Print/Type)	Jeffrey W. Guise	Registration No. (Attorney/Agent)	34,613
Signature		Date	8/10/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on
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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$1,003.00

Complete if Known

Application Number	To be assigned
Filing Date	Herewith
First Named Inventor	Daniel P. Gold
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	032077.0002.UTL

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated

Deposit
Account
Number

50-1273

Deposit
Account
Name

Brobeck, Phleger & Harrison LLP

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
☒ Applicant claims small entity status. See
37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	355.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$355.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
77	-20** = 57	X 9.00 =	513.00
Independent Claims	-3** = 0	X	
Multiple Dependent		135.00	135.00

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$648.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

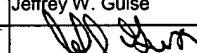
Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Jeffrey W. Guise	Registration No. (Attorney/Agent)	34,613	Telephone	(858) 720-2500
Signature		Date	August 10, 2001		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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UTILITY APPLICATION

UNDER 37 CFR § 1.53(B)

TITLE: METHOD AND COMPOSITION FOR ALTERING A T CELL
MEDIATED PATHOLOGY

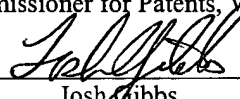
APPLICANT(S): GOLD, DANIEL P.; SHOPES, ROBERT J.

Correspondence Enclosed:

Utility Application Transmittal Sheet and FY 2001 Fee Transmittal
Sheet (2pgs); Specification (69pgs); Claims (9pgs); Drawings Figures
1-9 (31pgs); Abstract (1pg); Grant of Power of Attorney (2pgs);
Return Postcard; and Check in the amount of \$1,003.00.

PRIORITY DATA: Under U.S.C. 119(e)(1) this application claims the benefit of U.S.
Provisional Patent Application Serial 60/266,133, filed February 1,
2001; U.S. Provisional Patent Application Serial 60/224,723, filed
August 11, 2000; U.S. Provisional Patent Application Serial
60/224,722, filed August 11, 2000.

"EXPRESS MAIL" Mailing Label Number EL675946010US Date of Deposit August 10, 2001 I
hereby certify under 37 CFR § 1.10 that this correspondence is being deposited with the United
States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the
date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.


Josh Gibbs

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